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PUB-NO: JP02001010222A
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TITLE: INK-JET RECORDING MATERIAL HAVING PIGMENT LAYER

PUBN-DATE: January 16, 2001

INVENTOR-INFORMATION:

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ABSTRACT:

PROBLEM TO BE SOLVED: To obtain a recording material having a high ink absorption capacity, a short drying time, and good abrasion resistance by forming a pigment layer arranged on a support material from a lower layer containing barium sulfate and an upper layer containing aluminum oxide as a main pigment.

SOLUTION: In a recording material having a support material and a pigment layer formed on the support material, the pigment layer is formed from a lower layer containing barium sulfate and an upper layer containing aluminum oxide as a main pigment, or containing a mixture of at least two pigments. In the lower layer, besides barium sulfate as a main pigment, aluminum oxide, silica, barium oxide, and others can be contained additionally. The average particle size of the pigments is set up at 0.7-5 μm. Gelatin as a binder can be contained in the lower layer.